

## **Diesel AST In-Place Closure Report**

**Atlantic Relocation Systems  
Fishers, Indiana**

April 2016

ERM Project No. 0292130

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## 1.0

## INTRODUCTION AND BACKGROUND

In April 2016, Environmental Resources Management, Inc. (ERM) conducted in-place closure activities for an on-site, diesel aboveground storage tank (AST) located at the Atlantic Relocation Systems (Atlantic) facility located at 9967 Westpoint Drive in Fishers, Indiana (the Site). ERM understands that diesel fuel had reportedly been released during third-party fueling of the 8,000-gallon, diesel AST referenced above, and migrated into the storm water sewer. A Site location map is included as Figure 1.

## 1.1

### PROJECT OBJECTIVE

The objectives of the in-place closure activities were to:

- remove the residual diesel fuel from the AST, associated lines, and the dispensing unit,
- rinse the tank and associated lines to remove diesel residuals, and
- cap (i.e. blank) the filling and dispensing ports on the tank, and remove associated piping.

The result of these activities was intended to close the above referenced AST in-place, per the definition contained in 40 C.F.R. § 112.2, thereby eliminating the potential risk petroleum-related on-site spills from activities associated with the AST.

## 1.2

### LIMITATIONS AND EXCEPTIONS

This report is based up on the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, scope of work, budget, and schedule.

The services provided by ERM during this project have been rendered in a manner consistent with the level of skill and care ordinarily exercised by members of the profession currently practicing under similar conditions. It is ERM's intent that the conclusions and recommendations stated herein are intended as guidance and not necessarily a firm course of action except where explicitly stated as such. The findings and conclusions presented herein apply to the environmental conditions existing at the time ERM's services were conducted.

### 1.3

#### *HEALTH AND SAFETY PLAN*

During investigation activities, ERM personnel performed work in accordance with a project health and safety plan developed for the Site, dated April 4, 2016.

## 2.0

### *AST CLOSURE ACTIVITIES*

The AST closure activities were mainly comprised of three (3) tasks, which were as follows:

- remove the residual diesel fuel from the AST, associated lines, and the dispensing unit,
- rinse the tank and associated lines to remove diesel residuals, and
- cap (i.e. blank) the filling and dispensing ports on the tank, and remove associated piping.

The above referenced activities were completed on 05 April 2016 at the Site. The activities for each task are described in the following discussion.

Mr. Don Flowers of ERM provided contractor oversight and conducted in-place closure confirmation activities. Tank closure activities and waste transportation were conducted by Environmental Restoration (ER) in Indianapolis, Indiana. Wastes were transported to, and treated by CGS Services in Morristown, Indiana.

## 2.1

### *REMOVAL OF RESIDUAL DIESEL FUEL*

Prior to initiating closure activities, ERM implemented spill containment measures, which included placement of absorbent pads and socks in the work area and installation of spill mats over nearby stormwater catch basin drains.

The dispensing unit associated with the diesel AST was turned on, and remaining fuel was pumped through the dispensing unit, and collected in a vacuum truck. After pumping as much fuel as possible via the dispenser, the dispenser was turned off, and electrically tagged out. After tagging out power to the dispensing unit, the dispenser components were dismantled and the fuel was evacuated using the vacuum truck unit. A total of approximately 40 gallons of fuel were removed from the AST.

## 2.2

### *RINSING ACTIVITIES*

After removing residual diesel fuel from the AST, the atmosphere was monitored through the top portal of the AST. Once atmosphere readings were complete and acceptable to start work, potable water was used to pressure rinse the interior of the AST and associated lines. The interior rinsing activities were accessed through the top portal of the AST.

Approximately 235 gallons of rinse water were used to rinse the AST. Rinsing activities were completed to a visual standard. Photo documentation of the rinsed interior of the AST is included in Appendix A.

### 2.3 *CAPPING AND PIPING REMOVAL*

After rinsing the interior of the AST and associated lines, the piping associated with the input/fill line and the dispensing line was removed and the ports for these lines were capped (i.e. blanked off) at the AST. Both of these lines were top-mounted before their removal. An AST vent line was left in place to account for pressure variations in the vessel. Hard piping associated with the dispensing and fill lines were rinsed, wiped down, and placed inside the AST secondary containment structure. Notice of closure of the AST, along with the date of closure, was noted on the AST.

### 2.4 *DISPOSAL OF FUEL AND RINSATE*

Fuels and rinsate generated by Site activities were contained in a vacuum truck unit, and transported by Environmental Restoration to CGS Services in Morristown, Indiana for treatment. Copies of waste profile and disposal documentation are included in Appendix B.

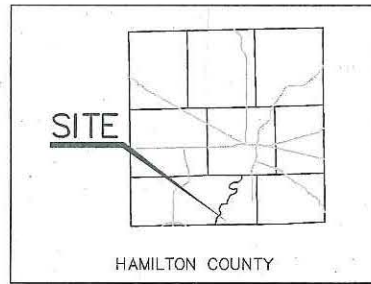
## CONCLUSIONS

ERM completed in-place closure activities of an 8,000 gallon, diesel fuel AST at the Atlantic facility in Fishers, Indiana on 05 April 2016. As part of these activities, remaining diesel fuel was removed from the AST, associated piping, and the dispensing unit. After removal of diesel fuel, the AST and associated piping was pressure rinsed with potable water. Fuels and rinsate were collected in a vacuum truck, and treated at CGS Services in Morristown, Indiana. The rinsed hard-piping associated with the dispensing and input/fill lines was removed and placed in the AST secondary containment, and the ports for these lines on the top of the AST were properly capped.

Based upon the activities described above, ERM considers the AST to be permanently closed in-place, per the definition contained in 40 C.F.R. § 112.2. If the tank is to be put back into service, ERM suggests that the AST and related components be professionally inspected, and also that the facility have a site-specific Spill Prevention, Control, and Countermeasure (SPCC) Plan developed and implemented prior to use.



## *Figures*



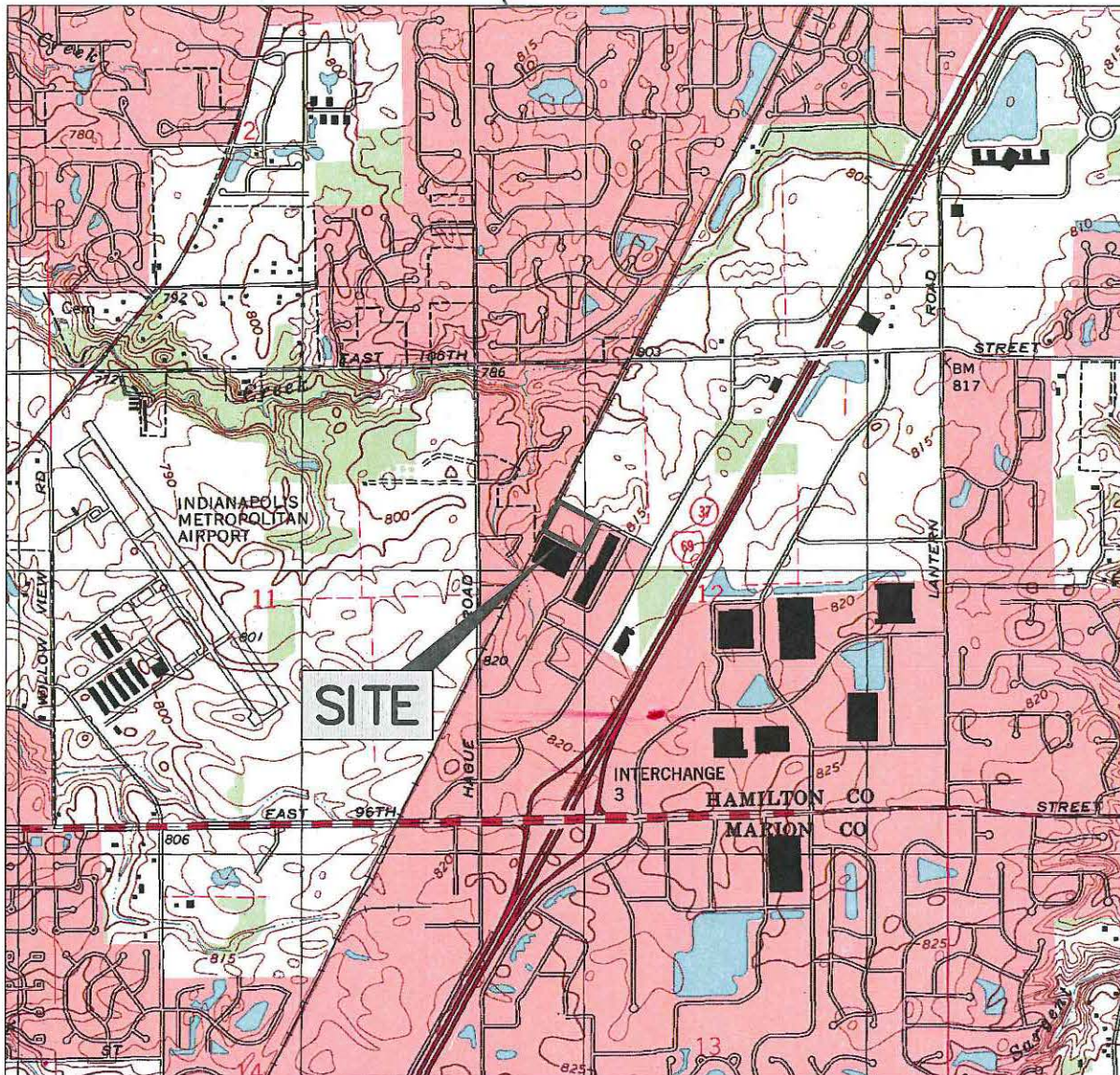
SECTION 12  
T.17N. - R.4E.  
CITY OF GRANDVILL  
HAMILTON COUNTY  
INDIANA



0 2000



SCALE (IN FEET)



## SITE LOCATION MAP

ADAPTED FROM USGS  
FISHERS/2000

REVISIONS ARE TO BE MADE ON THE CADD FILE ONLY



## ATLANTIC RELOCATION SERVICES

9967 WESTPOINT DRIVE  
FISHERS, INDIANA

CADD Review RMK

CHK'D AM

0292130

Drawn By  
GML 4/16/15

Environmental Resources Management

FIGURE 1

## *Appendix A*

### *Photographic Log*





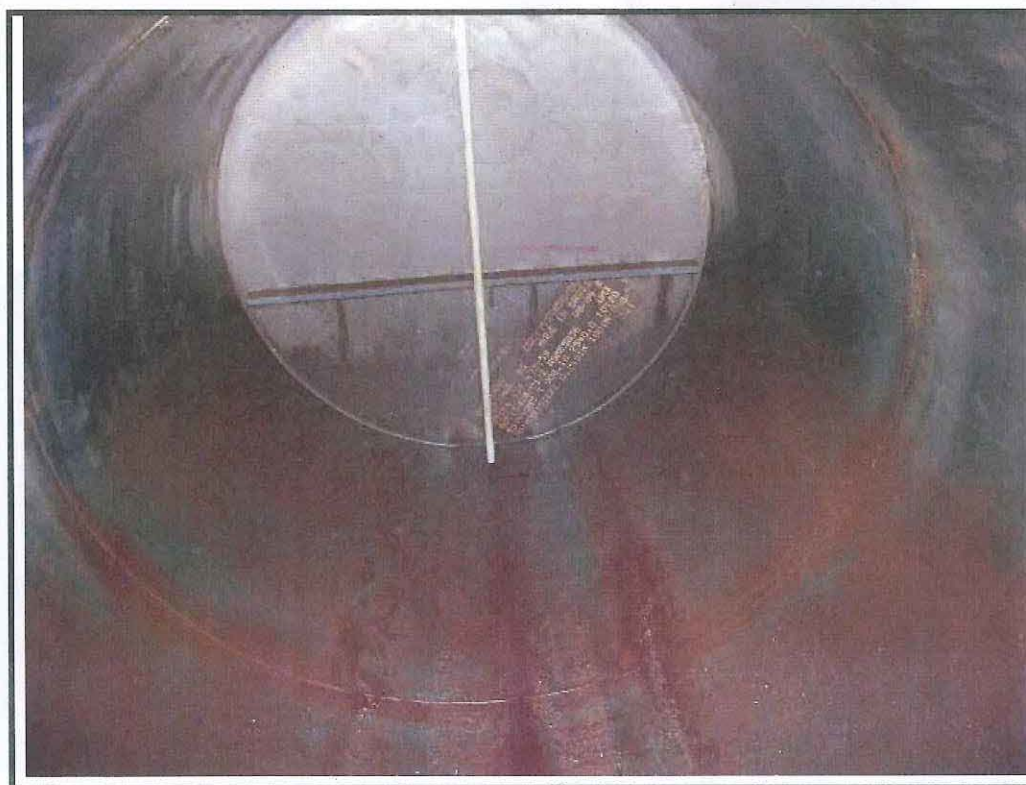
*Photo No. 1 Use of vacuum truck to remove fuels and rinsate.*



*Photo No. 2 Use of vacuum truck to remove fuels and rinsate (dispensing lines).*



*Photo No. 3 Use of vacuum truck to remove fuels and rinsate (fill port).*

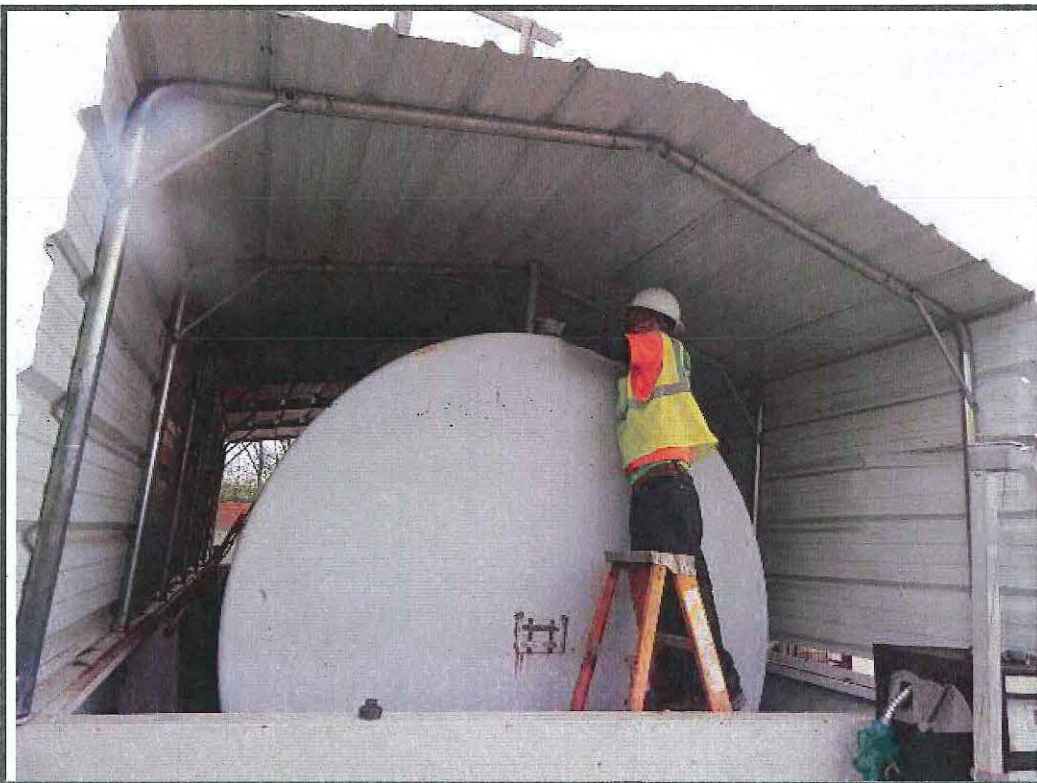


*Photo No. 4 Interior of AST after rinsing with potable water.*





*Photo No. 5 AST after removal and capping of dispensing line.*



*Photo No.6 Capping dispensing line port.*

## *Appendix B*

### *Waste Profile and Disposal Documentation*



3/1/20



CGS Services, Inc.  
PO Box 212  
2920 E US 52  
Morristown, IN 46161  
765.763.6258 or 800.453.5575  
Fax: 765.763.6174  
Email: verifications@cgsservices.com

# NON-HAZARDOUS WASTE VERIFICATION NOTICE

Note: MSDS Documentation must be provided before approval will be granted.

Generator Name:	Atlantic Relocation Systems	Mailing Address:	9967 Westpoint Drive	County:	70
Contact Name:	Jay Strong	City:	Indianapolis	State:	IN
Contact Phone:	(317)845-4086			Zip:	46256
Contact Fax:					

<b>Representative, Consultant or Third Party Information</b>					
Company Name:	Indiana Spill Response LLC	Mailing Address:	708 W 1st Street	County:	70
Contact Name:	Keith Belcher	City:	Rushville	State:	IN
Contact Phone:	(317)498-8616			Zip:	46173
Contact Fax:	(317)642-0656				

<b>Location of Waste</b>					
Street Address:	9967 Westpoint Drive	City:	Indianapolis	State:	IN
		County:	49	Zip:	46256

<b>Waste Information</b>					
Name of Waste:	Water and Sludge Impacted with diesel fuel				
Est. annual amount of waste	Cyds:	Tons:			
	Gallons:	Drums:			
	Is the above waste material the result of a one time project cleanup?				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Description of the process generating the waste:	Cleaning of fuel tank				

<b>Verification</b>					
Is this verification notice the result of a significant raw material change or a process change?				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Was this waste previously permitted or verified?				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

<b>Generator Notification (if any of the following apply, please indicate by checking 'yes')</b>					
The above waste is a:			Solid <input type="checkbox"/>	Sludge <input checked="" type="checkbox"/>	Liquid <input type="checkbox"/>
Is this waste a hazardous waste that is defined by USEPA and/or state regulation?			Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Does the waste contain regulated radioactive material?			Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Does the waste contain regulated concentrations of Polychlorinated Biphenyls (PCB's)?			Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Does the waste generate fugitive dust?			Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is the waste hot or capable of generating heat?			Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is the waste a regulated asbestos-containing material?			Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Have the characteristics of this waste changed since a waste determination was performed?			Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

By signing this waste verification notice I hereby attest to the truth and accuracy of the information contained herein.

Gen. Signature:		Date:	4/6/16	Timestamp:	44219032
Name:	JAY E. STRONG	Title:	VP/Gen		

CGS use only. Do not write below this line.

## Landfill Verification

Waste Determination: \_\_\_\_\_

Verification Number: 9032

Approval Signature:

Date: 4/6/2016

## Transporter Information (to be filled out by Transporter)

By signing this waste notification sheet, I hereby affirm under penalties of perjury that the information on this waste notification sheet is true and accurate, that I am the driver of the Company designated below, and that I am familiar with the practices of my Company and with the origination of the load delivered today. I hereby acknowledge that documentation that supports the waste determination will be made available upon request to the landfill and IDEM.

Company Name:	ISR	Driver's Signature:	
Mailing Address:	CGS SERVICES, INC. PO BOX 212 2920 E US HWY 52 MORRISTOWN, IN 46161	Date:	4-6-2016
Disposal Site In	filled out by Disposal Site)		
Site Name:		IDEM Facility ID #:	73-1
Address:		Volume (Weight):	4/6/16
Authorized Signature:		Date:	4/6/16



9032





# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on eight (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No. <b>ERM-406-01</b>		2. Page 1 of 1			
3. Generator's Name and Mailing Address <b>Atlantic Relocation Systems 9967 Westpoint Drive Indianapolis 46256</b>									
4. Generator's Phone (317) <b>845-4086</b>									
5. Transporter 1 Company Name <b>Indiana Spill Response</b>		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone			
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone			
9. Designated Facility Name and Site Address <b>CGS Services 2920 E 5252 Merrittstown, IN 46161</b>		10. US EPA ID Number		E. State Facility's ID		F. Facility's Phone <b>(765) 763-6258</b>			
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity		14. Unit Wt./Vol.	
a. <b>NON-HAZ Oil/water (Diesel)</b>				1		TT		500 Gal.	
b.									
c.									
d.									
G. Additional Descriptions for Materials Listed Above				H. Handling Codes for Wastes Listed Above					
15. Special Handling Instructions and Additional Information <b>PO # ERM 406</b>									
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.									
Printed/Typed Name				Signature		Date Month Day Year			
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature		Date Month Day Year			
Printed/Typed Name <b>Tim Shultz</b>				<b>Tim Shultz</b>		<b>4 4 16</b>			
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date Month Day Year			
Printed/Typed Name				Signature		Date Month Day Year			
19. Discrepancy Indication Space									
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.									
Printed/Typed Name				Signature		Date Month Day Year			

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

THE STATIONER, INC.  
TRUST BROS. & CO. TRADING CO. ASSOCIATES  
P.O. BOX 111, NEW YORK, N.Y.  
NEW YORK, N.Y. 10012

INVOICE NO. 100007

DATE: APR. 10, 1968  
4:10 PM  
1:10:40 PM  
TO: THE STATIONER, INC.  
FROM: THE STATIONER, INC.  
1:10:40 PM

QTY	UNIT	PRODUCT	PRICE	AMOUNT
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00

TOTAL AMOUNT DUE: 1.00

QTY	UNIT	PRODUCT	PRICE	AMOUNT
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00
1	EA	100007	1.00	1.00

WEIGHTMASTER, NICHOLSON, DRIVER

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across the following  
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Hungary	South Korea
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